

Datasheet for ABIN7564496

## TAF2 Protein (AA 1-1104) (His tag)



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### Overview

Quantity:	1 mg
Target:	TAF2
Protein Characteristics:	AA 1-1104
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TAF2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

### Product Details

Purpose:	Custom-made recombinat Taf2 Protein expressed in mammalian cells.
Sequence:	<p>MNRKKGDKGF ESPRPYKLTH QVVCINNINF QRKSVVGFE LTIFPTVANL NRIKLNSKQC</p> <p>RIYRVRINDL EAAFIYNDPT LEVCHSESKQ RNLNYFSNAY AAASAVDPD AGNGELCIKV</p> <p>PSELWKHVDE LKVLKIHINF SLDQPKGGLH FVVPSEVSGM AERGAHVFS GYQNSTRFWF</p> <p>PCVDSYSELC TWKLEFTVDA AMVAVSNGDL VETVYTHDMR KKTFFHYMLTI PTAASNISLA</p> <p>IGPFEILVDP YMHEVTHFCL PQLPLLKHT TSYIHEVFEF YEEILTCRYP YSCFKTVFID</p> <p>EAYVEVAAYA SMSIFSTNLL HSAMIIDETP LTRCLAQAL AQQFFGCFIS RMSWSDEWVL</p> <p>KGISGYIYGL WMKKTFGVNE YHHWIKELD KIVAYELKTG GVLLHPIFGG GKEKDNPAH</p> <p>LHFSIKHPHT LSWEYTMFQ CKAHLVMRLI ENRISMEFML QVFNKLLSLA STASSQKFQS</p> <p>HMWSQMLVST YGFLKSISNV SGKDIQPLIK QWLDQSGVVK FYGSFAFNRK RNVLELEIKQ</p> <p>DYTSPGTQKY VGPLKVTVQE LDGSFNHTLQ IEENSLKHDI PCHSKSRRNK KKKIPLMNGE</p> <p>EVDMDLSAME ADSPLLWIRI DPDMSVLRKV EFEQADFMWQ YELRYERDVV AQQESILALE</p>

KFPTPASRLA LTDILEQEQC FYRVRMSACF CLAKIANSMV STWTGPPAMK SLFTRMFCKK  
TCPNIVKTNF FMSFQSYFLQ KTMPVAMALL RDVHNLCPKE VLTFLDLIK YNDNRKNKFS  
DNYYRAEMID ALANSVTPAV SVNNEVRTLD NLNPDVRLIL EETRFLNME KLLPSYRHTI  
TVSCLRAIRV LQKNGHVPSD ASLFKSYAEY GHFVDIRIAA LEAVVDYTKV DRSYEELQWL  
LNMIQTDPVP YVRHKILNML TKNPPFTKNM ESPLCNEALV DQLWKLMNSG TAHDWRLRCG  
AVDLYFTLFG LSRPSCLPLP ELGLVLNLKE KKAFLNPTII PEAGVGNQFS SSQDEEEVDM  
DTVHDSQAFI SHHLNMLERP STPGLSKYRP HHHHHHHHEHK KKKKKHKHKKH KHKHKKHDSKD  
KDREPFASF PASGRSVRSP SLSD **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

TAF2

Alternative Name:

Taf2 ([TAF2 Products](#))

Background:

Transcription initiation factor TFIID subunit 2 (TBP-associated factor 150 kDa) (Transcription initiation factor TFIID 150 kDa subunit) (TAF(II)150) (TAFII-150) (TAFII150),FUNCTION: The TFIID basal transcription factor complex plays a major role in the initiation of RNA polymerase

## Target Details

II (Pol II)-dependent transcription. TFIID recognizes and binds promoters with or without a TATA box via its subunit TBP, a TATA-box-binding protein, and promotes assembly of the pre-initiation complex (PIC). The TFIID complex consists of TBP and TBP-associated factors (TAFs), including TAF1, TAF2, TAF3, TAF4, TAF5, TAF6, TAF7, TAF8, TAF9, TAF10, TAF11, TAF12 and TAF13. TAF2 forms a promoter DNA binding subcomplex of TFIID, together with TAF7 and TAF1. {ECO:0000250|UniProtKB:Q6P1X5}.

Molecular Weight: 127.0 kDa

UniProt: [Q8C176](#)

## Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months